

ABSTRACT OF THE DISCLOSURE

(Abstract)

(Subject)

5       The present invention clarifies the stator core configuration and winding specifications required to ensure that the stator formed by assembling the split cores of an epicycloidal motor exhibits the optimum performances, and provides a high-efficiency compact-sized motor.

10       (Means for Solving the Problems)

15       An epicycloidal motor having a stator core formed by assembling multiple split core pieces, and a stator winding conductor wound in the stator core slot, wherein the ratio of the overall effective area of the conductor (including the coating of an insulator, etc.) relative to the effective sectional area of the slot is 0.5 through 0.8.

(Selected Figure) Fig. 1